

PPPPPPPPPP		AAAAAA		TTTTTTTTTTTT		CCCCCCCC	HHH	HHH
PPPPPPPPPP		AAAAAA		TTTTTTTTTTTT		CCCCCCCC	HHH	HHH
PPPPPPPPPP		AAAAAA		TTTTTTTTTTTT		CCCCCCCC	HHH	HHH
PPP	PPP	AAA	AAA	TTT	CCC	HHH	HHH	HHH
PPP	PPP	AAA	AAA	TTT	CCC	HHH	HHH	HHH
PPP	PPP	AAA	AAA	TTT	CCC	HHH	HHH	HHH
PPP	PPP	AAA	AAA	TTT	CCC	HHH	HHH	HHH
PPP	PPP	AAA	AAA	TTT	CCC	HHH	HHH	HHH
PPP	PPP	AAA	AAA	TTT	CCC	HHH	HHH	HHH
PPPPPPPPPP		AAA	AAA	TTT	CCC	HHHHHHHHHHHHHHHH		
PPPPPPPPPP		AAA	AAA	TTT	CCC	HHHHHHHHHHHHHHHH		
PPPPPPPPPP		AAA	AAA	TTT	CCC	HHHHHHHHHHHHHHHH		
PPP		AAAAAAAAAAAA		TTT	CCC	HHH		HHH
PPP		AAAAAAAAAAAA		TTT	CCC	HHH		HHH
PPP		AAAAAAAAAAAA		TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH
PPP		AAA	AAA	TTT	CCC	HHH		HHH

1 S I A B C D E F G H I J K L M N O P Q R S T U V W X Y Z [\] ^ _ ` a b c d e f g h i j k l m n o p q r s t u v w x y z { | } ~

```

PPPPPPPP      AAAAAA      TTTTTTTTTT  TTTTTTTTTT  000000  KK      KK
PPPPPPPP      AAAAAA      TTTTTTTTTT  TTTTTTTTTT  000000  KK      KK
PP      PP    AA      AA      TT      TT      00      00  KK      KK
PP      PP    AA      AA      TT      TT      00      00  KK      KK
PP      PP    AA      AA      TT      TT      00      00  KK      KK
PP      PP    AA      AA      TT      TT      00      00  KK      KK
PPPPPPPP      AA      AA      TT      TT      00      00  KKKKKK  KK
PPPPPPPP      AA      AA      TT      TT      00      00  KKKKKK  KK
PP      AAAAAAAAAA      TT      TT      00      00  KK      KK
PP      AAAAAAAAAA      TT      TT      00      00  KK      KK
PP      AA      AA      TT      TT      00      00  KK      KK
PP      AA      AA      TT      TT      00      00  KK      KK
PP      AA      AA      TT      TT      00      00  KK      KK
PP      AA      AA      TT      TT      00      00  KK      KK
PP      AA      AA      TT      TT      000000  KK      KK
PP      AA      AA      TT      TT      000000  KK      KK

```

```

RRRRRRRR      EEEEEEEEEE      QQQQQQ
RRRRRRRR      EEEEEEEEEE      QQQQQQ
RR      RR    EE      QQ      QQ
RR      RR    EE      QQ      QQ
RR      RR    EE      QQ      QQ
RR      RR    EE      QQ      QQ
RRRRRRRR      EEEEEEEEEE      QQ      QQ
RRRRRRRR      EEEEEEEEEE      QQ      QQ
RR      RR    EE      QQ      QQ
RR      RR    EE      QQ      QQ
RR      RR    EE      QQ      QQ
RR      RR    EE      QQ      QQ
RR      RR    EE      QQ      QQ
RR      RR    EEEEEEEEEE      QQ      QQ
RR      RR    EEEEEEEEEE      QQ      QQ

```

♦♦ PATOK.REQ - defines symbolic names for MARS PATCH tokens.
Version 'V03-000'

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CORRESPONDS TO PATCH VERSION 'V04-000', 17-OCT-77
grammars are PATCH.PAT.

NO	DATE	PROGRAMMER	PURPOSE
--	----	-----	-----
01	18-APR-78	K.D. MORSE	CHANGE LITERAL TOKEN TO ABS LIT TOKEN TO AVOID CONFLICT WITH /LITERAL QUALIFIER IN GRAMMER.

♦♦ The following are specially invented tokens for use by the VAX instruction encoder.

LITERAL

```

indexing_token = 240,
val_token      = 241,
byte_val_token = val_token + byte_length,    ! 242
word_val_token = val_token + word_length,     ! 243
branch_token   = 244,
long_val_token = val_token + long_length,    ! 245
at_reg_token   = 246,
register_token  = 247,
abs_lit_token  = 248,
bad_token      = 249,
    
```

♦♦ This is the last token that is a keyword. All the other tokens are

! special characters. This is an important number to know.

! keyword_range = word_token,

! The following specify the range for prompt tokens.

! min_pmt_code = 90,
! max_pmt_code = 96;

! PATTOK.REQ - last line

